

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-24 16:11:09
 Date of Next Testing: 2026-12-24 16:11:09
 Product Name: **GelMA**
 CAS Number:
 Specifications & Purity: Freezing strength 300g bloom, grafting rate 60%
 Lot #: L2508096
 SKU #: **M398240**
 Version: **1**
 Analysis #: **631238**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Degree of Amino Substitution	55-65 (%)	55.98000 %
Turbidity	≤30 (NTU)	3.29600 NTU
PH(5% in water)	6.5-7.5	7.00000
Molecular Weight	100000-200000 (Da)	150000.00000 Da
G' Storage modulus	0.6-1.2 (kPa)	1.09800 kPa
Phase transition temperature (cooling)	18.5-20.5 (°C)	19.09800 °C
Phase transition temperature (heating)	28.5-30.5 (°C)	29.00000 °C
Appearance(M398240)	White sponge	White sponge
Cytotoxicity test(Cell viability≥95%)	Pass	Pass



John Su
QA & QC Manager